#6

OIPE

RAW SEQUENCE LISTING DATE: 08/29/2002
PATENT APPLICATION: US/10/083,817 TIME: 12:21:47

Input Set : A:\SCIOS002C1.TXT
Output Set: N:\CRF3\08292002\J083817.raw

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 4 <110> APPLICANT: Schreiner, George F.
 5       Johnson, Richard J.
 7 <120> TITLE OF INVENTION: METHODS OF TREATING HYPERTENSION AND
 8       COMPOSITIONS FOR USE THEREIN
11 <130> FILE REFERENCE: SCIOS.002C1
13 <140> CURRENT APPLICATION NUMBER: 10/083,817
14 <141> CURRENT FILING DATE: 2002-02-26
16 <150> PRIOR APPLICATION NUMBER: 60/099,694
17 <151> PRIOR FILING DATE: 1998-09-09
19 <150> PRIOR APPLICATION NUMBER: 09/392,932
20 <151> PRIOR FILING DATE: 1999-09-09
22 <160> NUMBER OF SEQ ID NOS: 11
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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27 <211> LENGTH: 147
28 <212> TYPE: PRT
29 <213> ORGANISM: Homo Sapien
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33  1               5                  10                  15
34 Tyr Leu His His Ala Lys Trp Ser Gln Ala Ala Pro Met Ala Glu Gly
35             20                  25                  30
36 Gly Gly Gln Asn His His Glu Val Val Lys Phe Met Asp Val Tyr Gln
37         35                  40                  45
38 Arg Ser Tyr Cys His Pro Ile Glu Thr Leu Val Asp Ile Phe Gln Glu
39     50                  55                  60
40 Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys Pro Ser Cys Val Pro Leu
41 65                  70                  75                  80
42 Met Arg Cys Gly Gly Cys Cys Asn Asp Glu Gly Leu Glu Cys Val Pro
43                 85                  90                  95
44 Thr Glu Glu Ser Asn Ile Thr Met Gln Ile Met Arg Ile Lys Pro His
45             100                 105                 110
46 Gln Gly Gln His Ile Gly Glu Met Ser Phe Leu Gln His Asn Lys Cys
47         115                 120                 125
48 Glu Cys Arg Pro Lys Lys Asp Arg Ala Arg Gln Glu Lys Cys Asp Lys
49     130                 135                 140
50 Pro Arg Arg
51 145
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55 <211> LENGTH: 145
56 <212> TYPE: PRT
57 <213> ORGANISM: Homo Sapien
59 <400> SEQUENCE: 2
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60 Ala Pro Met Ala Glu Gly Gly Gly Gln Asn His His Glu Val Val Lys
61  1               5                  10                  15
62 Phe Met Asp Val Tyr Gln Arg Ser Tyr Cys His Pro Ile Glu Thr Leu
63             20                  25                  30
64 Val Asp Ile Phe Gln Glu Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys
65         35                  40                  45
66 Pro Ser Cys Val Pro Leu Met Arg Cys Gly Gly Cys Cys Asn Asp Glu
67     50                  55                  60
68 Gly Leu Glu Cys Val Pro Thr Glu Glu Ser Asn Ile Thr Met Gln Ile
69 65                  70                  75                  80
70 Met Arg Ile Lys Pro His Gln Gly Gln His Ile Gly Glu Met Ser Phe
71                 85                  90                  95
72 Leu Gln His Asn Lys Cys Glu Cys Arg Pro Lys Lys Asp Arg Ala Arg
73             100                 105                 110
74 Gln Glu Lys Lys Ser Val Arg Gly Lys Gly Lys Gly Gln Lys Arg Lys
75         115                 120                 125
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78 Arg
79 145
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87 <400> SEQUENCE: 3
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89  1               5                  10                  15
90 Tyr Leu His His Ala Lys Trp Ser Gln Ala Ala Pro Met Ala Glu Gly
91             20                  25                  30
92 Gly Gly Gln Asn His His Glu Val Val Lys Phe Met Asp Val Tyr Gln
93         35                  40                  45
94 Arg Ser Tyr Cys His Pro Ile Glu Thr Leu Val Asp Ile Phe Gln Glu
95     50                  55                  60
96 Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys Pro Ser Cys Val Pro Leu
97 65                  70                  75                  80
98 Met Arg Cys Gly Gly Cys Cys Asn Asp Glu Gly Leu Glu Cys Val Pro
99                 85                  90                  95
100 Thr Glu Glu Ser Asn Ile Thr Met Gln Ile Met Arg Ile Lys Pro His
101             100                 105                 110
102 Gln Gly Gln His Ile Gly Glu Met Ser Phe Leu Gln His Asn Lys Cys
103         115                 120                 125
104 Glu Cys Arg Pro Lys Lys Asp Arg Ala Arg Gln Glu Asn Pro Cys Gly
105     130                 135                 140
106 Pro Cys Ser Glu Arg Arg Lys His Leu Phe Val Gln Asp Pro Gln Thr
107 145                 150                 155                 160
108 Cys Lys Cys Ser Cys Lys Asn Thr Asp Ser Arg Cys Lys Ala Arg Gln
109                 165                 170                 175
110 Leu Glu Leu Asn Glu Arg Thr Cys Arg Cys Asp Lys Pro Arg Arg
111             180                 185                 190
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Input Set : A:\SCIOS002C1.TXT
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Gly Gln His Glu Val Phe Asp Tyr Arg Tyr His Ile Thr Val Ile Gln
20 25 30
Tyr Asp Ile Tyr Phe Pro Cys Pro Met Cys Gly Cys Asp Gly Glu Val
35 40 45
Thr Glu Asn Thr Gln Met Ile Pro Gln Gln Ile Glu Ser Leu His Lys
50 55 60
Glu Arg Lys Asp Ala Gln Lys Ser Arg Lys Lys Gln Arg Arg Lys Arg
65 70 75 80
Lys Trp Val Cys Pro Ser Arg Lys Leu Val Asp Gln Cys Cys Cys Asn
85 90 95
Asp Arg Lys Arg Leu Leu Glu Thr Arg Asp Pro Arg
100 105
<210> SEQ ID NO: 5
<211> LENGTH: 116
<212> TYPE: PRT
<213> ORGANISM: Homo Sapien
<400> SEQUENCE: 5
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1 5 10 15
Gly Gln His Glu Val Phe Asp Tyr Arg Tyr His Ile Thr Val Ile Gln
20 25 30
Tyr Asp Ile Tyr Phe Pro Cys Pro Met Cys Gly Cys Asp Gly Glu Val
35 40 45
Thr Glu Asn Thr Gln Met Ile Pro Gln Gln Ile Glu Ser Leu His Lys
50 55 60
Glu Arg Lys Asp Ala Gln Lys Ser Arg Lys Lys Gln Arg Arg Lys Arg
65 70 75 80
Lys Trp Val Val Ala Cys Leu Pro Ser Pro Pro Pro Gly Cys Glu Arg
85 90 95
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100 105 110
Cys Cys Lys Arg
115
<210> SEQ ID NO: 6
<211> LENGTH: 444
<212> TYPE: DNA
<213> ORGANISM: Homo Sapien
<400> SEQUENCE: 6
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gccaagtggt cccaggctgc acccatggca gaaggaggag ggcagaatca tcacgaagtg 120
gtgaagttca tggatgtcta tcagcgcagc tactgccatc caatcgagac cctggtggac 180
atcttccagg agtaccctga tgagatcgag tacatcttca agccatcctg tgtgcccctg 240

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atgcgatgcg ggggctgctg caatgacgag ggcctggagt gtgtgcccac tgaggagtcc 300
aacatcacca tgcagattat gcggatcaaa cctcaccaag gccagcacat aggagagatg 360
agcttcctac agcacaacaa atgtgaatgc agaccaaaga aagatagagc aagacaagaa 420
aaatgtgaca agccgaggcg gtga 444

<210> SEQ ID NO: 7
<211> LENGTH: 516
<212> TYPE: DNA
<213> ORGANISM: Homo Sapien

<400> SEQUENCE: 7
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gccaagtggt cccaggctgc acccatggca gaaggaggag ggcagaatca tcacgaagtg 120
gtgaagttca tggatgtcta tcagcgcagc tactgccatc caatcgagac cctggtggac 180
atcttccagg agtaccctga tgagatcgag tacatcttca agccatcctg tgtgcccctg 240
atgcgatgcg ggggctgctg caatgacgag ggcctggagt gtgtgcccac tgaggagtcc 300
aacatcacca tgcagattat gcggatcaaa cctcaccaag gccagcacat aggagagatg 360
agcttcctac agcacaacaa atgtgaatgc agaccaaaga aagatagagc aagacaagaa 420
aaaaaatcag ttcgaggaaa gggaaagggg caaaaacgaa agcgcaagaa atcccggtat 480
aagtcctgga gcgtatgtga caagccgagg cggtga 516

<210> SEQ ID NO: 8
<211> LENGTH: 576
<212> TYPE: DNA
<213> ORGANISM: Homo Sapien

<400> SEQUENCE: 8
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gtgaagttca tggatgtcta tcagcgcagc tactgccatc caatcgagac cctggtggac 180
atcttccagg agtaccctga tgagatcgag tacatcttca agccatcctg tgtgcccctg 240
atgcgatgcg ggggctgctg caatgacgag ggcctggagt gtgtgcccac tgaggagtcc 300
aacatcacca tgcagattat gcggatcaaa cctcaccaag gccagcacat aggagagatg 360
agcttcctac agcacaacaa atgtgaatgc agaccaaaga aagatagagc aagacaagaa 420
aatccctgtg ggccttgctc agagcggaga aagcatttgt ttgtacaaga tccgcagacg 480
tgtaaatgtt cctgcaaaaa cacagactcg cgttgcaagg cgaggcagct tgagttaaac 540
gaacgtactt gcagatgtga caagccgagg cggtga 576

<210> SEQ ID NO: 9
<211> LENGTH: 642
<212> TYPE: DNA
<213> ORGANISM: Homo Sapien

<400> SEQUENCE: 9
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gtgaagttca tggatgtcta tcagcgcagc tactgccatc caatcgagac cctggtggac 180
atcttccagg agtaccctga tgagatcgag tacatcttca agccatcctg tgtgcccctg 240
atgcgatgcg ggggctgctg caatgacgag ggcctggagt gtgtgcccac tgaggagtcc 300
aacatcacca tgcagattat gcggatcaaa cctcaccaag gccagcacat aggagagatg 360
agcttcctac agcacaacaa atgtgaatgc agaccaaaga aagatagagc aagacaagaa 420
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aagtcctgga gcgtggggcc ttgctcagag cggagaaagc atttgtttgt acaagatccg 540
cagacgtgta aatgttcctg caaaaacaca gactcgcgtt gcaaggcgag gcagcttgag 600
ttaaacgaac gtacttgcag atgtgacaag ccgaggcggt ga 642

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Input Set : A:\SCIOS002C1.TXT
Output Set: N:\CRF3\08292002\J083817.raw

<210> SEQ ID NO: 10
<211> LENGTH: 699
<212> TYPE: DNA
<213> ORGANISM: Homo Sapien
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gtgaagttca tggatgtcta tcagcgcagc tactgccatc caatcgagac cctggtggac 180
atcttccagg agtaccctga tgagatcgag tacatcttca agccatcctg tgtgcccctg 240
atgcgatgcg ggggctgctg caatgacgag ggcctggagt gtgtgcccac tgaggagtcc 300
aacatcacca tgcagattat gcggatcaaa cctcaccaag gccagcacat aggagagatg 360
agcttcctac agcacaacaa atgtgaatgc agaccaaaga aagatagagc aagacaagaa 420
aaaaaatcag ttcgaggaaa gggaaagggg caaaaacgaa agcgcaagaa atcccggtat 480
aagtcctgga gcgtgtacgt tggtgcccgc tgctgtctaa tgccctggag cctccctggc 540
ccccatccct gtgggccttg ctcagagcgg agaaagcatt tgtttgtaca agatccgcag 600
acgtgtaaat gttcctgcaa aaacacagac tcgcgttgca aggcgaggca gcttgagtta 660
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<210> SEQ ID NO: 11
<211> LENGTH: 110
<212> TYPE: PRT
<213> ORGANISM: Homo Sapien
<400> SEQUENCE: 11
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Phe Met Asp Val Tyr Gln Arg Ser Tyr Cys His Pro Ile Glu Thr Leu
20 25 30
Val Asp Ile Phe Gln Glu Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys
35 40 45
Pro Ser Cys Val Pro Leu Met Arg Cys Gly Gly Cys Cys Asn Asp Glu
50 55 60
Gly Leu Glu Cys Val Pro Thr Glu Glu Ser Asn Ile Thr Met Gln Ile
65 70 75 80
Met Arg Ile Lys Pro His Gln Gly Gln His Ile Gly Glu Met Ser Phe
85 90 95
Leu Gln His Asn Lys Cys Glu Cys Arg Pro Lys Lys Asp Arg
100 105 110

VERIFICATION SUMMARY DATE: 08/29/2002
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Input Set : A:\SCIOS002C1.TXT
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